

Franziska Mueller

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PROFILE:

Date of birth: September 7, 1993
Place of birth: Völklingen, Germany
Languages: German (native), English (fluent), French (good command),
Spanish (basic)

EDUCATION:

April 2016 - present **Max-Planck-Institut für Informatik and Saarland University, Saarbrücken, Germany**
PhD student in the Graphics, Vision and Video group under supervision of Prof. Dr. Christian Theobalt

March 2015 - present **Saarbrücken Graduate School of Computer Science, Saarland University, Saarbrücken, Germany**
Member of the Graduate School of Computer Science

March 2015 - March 2016 **Saarland University, Saarbrücken, Germany**
Master of Science (M.Sc.) Honors Degree in Computer Science, grade A(1.0) (highest possible: 1.0, lowest passing grade: 4.0)

Master's Thesis:
„Real-time Hand-Object Tracking Using a Single Depth Camera“

Oct. 2012 - Feb. 2015 **Saarland University, Saarbrücken, Germany**
Bachelor of Science (B.Sc.) in Computer Science with minor Computational Linguistics, grade A(1.0)

Bachelor's Thesis:
„Real-time Hand Tracking Using Hybrid Pose Optimization“

August 2004 - July 2012 **Warndtgymnasium, Völklingen, Germany**
graduation: Abitur, grade 1.0

WORK EXPERIENCE:

June 2015 - Oct. 2015 **Max-Planck-Institute for Informatics (D4, Prof. Dr. Theobalt)**
Student Research Assistant

TEACHING:

Sept. 2016 - Oct. 2016 **Saarland University, Saarbrücken**
Voluntary coach for the *Mathematik-Vorkurs für Informatiker*
(Math preparation course for new CS students)

Sept. 2015 - Oct. 2015 **Saarland University, Saarbrücken**
Voluntary lecturer and coach for the *Mathematik-Vorkurs für Informatiker* (Math preparation course for new CS students)

Oct. 2014 - March 2015 **Saarland University, Saarbrücken (Chair of Prof. Bläser)**
Student Teaching Assistant for *Theoretische Informatik*

April 2014 - Sept. 2014 **Saarland University, Saarbrücken (Chair of Prof. Reineke)**
Student Teaching Assistant for *Systemarchitektur*

Oct. 2013 - March 2014 **Saarland University, Saarbrücken (Chair of Prof. Hermanns)**
Student Teaching Assistant for *Programmierung 1*

March 2013 **Saarland University, Saarbrücken (Chair of Prof. Smolka)**
Student Teaching Assistant for the re-exam in *Programmierung 1*

AWARDS & HONORS:

April 2017 Google PhD Fellowship

Feb. 2017 Frauen-MINT-Award (Women STEM Award)

Dec. 2016 Award from the Erich-F.-Bläse Foundation for Research and Science

Nov. 2016 Günter-Hotz-Medal (award for the best Master graduates in CS)

May 2015 Bachelor Award (for the best Bachelor graduates in CS)

Oct. 2013 - March 2016 German Academic Scholarship Foundation (*Studienstiftung des Deutschen Volkes*) scholarship

April 2013 - Feb. 2015 Member of the Bachelor Honors Program (special support program for talented and ambitious Bachelor students in CS)

Oct. 2012 - Sept. 2013 *Deutschlandstipendium* scholarship

June 2012 *Völklinger Abiturpreis* (award for the best high school diploma in the city of Völklingen)

PUBLICATIONS:

- **Mueller, F.**, Mehta, D., Sotnychenko, O., Sridhar, S., Casas, D., & Theobalt, C. (2017, October). Real-time Hand Tracking under Occlusion from an Egocentric RGB-D Sensor. In *International Conference on Computer Vision* (to appear).
 - Sridhar, S., **Mueller, F.**, Zollhöfer, M., Casas, D., Oulasvirta, A., & Theobalt, C. (2016, October). Real-time Joint Tracking of a Hand Manipulating an Object From RGB-D Input. In *European Conference on Computer Vision* (pp. 294-310). Springer International Publishing.
 - Sridhar, S., **Mueller, F.**, Oulasvirta, A., & Theobalt, C. (2015). Fast and Robust Hand Tracking Using Detection-guided Optimization. In *Proceedings of the IEEE Conference on Computer Vision and Pattern Recognition* (pp. 3213-3221).
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